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MONTANA OIL AND GAS STATISTICAL BULLETIN

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THE OIL AND GAS CONSERVATION COMMISSION

VOLUME III. No. 12 — McKEE PRINT — December, 1955

Production of crude oil and condensate from the oil and gas areas of Montana for the month of December, 1955, averaged 48,496 barrels daily, an increase of 6,868 barrels from the average November production of 41,628.

The nine refineries in the State processed 65,154 barrels of crude oil daily for the month of December, an increase of 4,718 barrels daily from the 60,436 barrels processed daily during the month of November.

During December, 49 wells were completed, 22 oil, 4 gas wells and 23 dry holes.

During December, the Commission issued 25 permits to drill new wells, a decrease of 7 from the 32 permits issued during November.

SUMMARY OF CRUDE OIL PRODUCTION, REFINING, STORAGE, ETC., IN MONTANA

MONTH OF DECEMBER, 1955

IN STORAGE DECEMBER 1st:	
By Producers	317,392
By Transporters	588,718
By Refiners	607,424
TOTAL STORAGE	1,513,534
Produced in Montana During Month	1,503,377
Imported During Month	1,303,736
TOTALS	4,320,647
DISPOSITION:	
Refined in Montana	2,019,762
Exported	821,419
Used for Fuel or Lost	30,617
TOTALS	2,871,798
IN STORAGE DECEMBER 31st:	
By Producers	298,039
By Transporters	575,486
By Refiners	575,324
TOTAL STORAGE	1,448,849

NATURAL GAS WITHDRAWALS IN MONTANA

Month of December, 1955

Field	M Cu. Ft.
Bears Den	0
Bowdoin	800,861
Bowes	119,165
Box Elder	0
Cedar Creek	872,385
Cut Bank (Includes Reagan)	1,761,069
Dry Creek	247,604
East Poplar	0
Elk Basin	30,447
Golden Dome	28,653
Hardin	5,375
Keith Block	169,576
Kevin-Sunburst	143,957
Utopia	150,492
Whitlash Area	191,088
Miscellaneous	20,641
TOTAL	4,541,313

Total Withdrawals for December, 1954 were 3,453,267 M Cu. Ft.

PRODUCERS REPORT
MONTH OF DECEMBER, 1955

Leases Operated	Field	No. of Wells	Storage First of Month	Oil Produced	Oil Shipped by Pipeline	Oil Shipped by Truck	Used or Lost	Storage End of Month
1	Ash Creek	4	635	4,088	.....	4,124	.....	599
....	Bannatyne	....	367	.....	.....	.....	.....	367
10	Big Wall	25	4,935	25,013	.....	24,606	.....	5,947
3	Border	7	.....	1,601	.....	1,601	.....	.....
10	Bowes	74	4,320	32,543	32,887	.....	.....	3,976
....	Brady-Midway	....	207	88	.....	.....	.....	295
2	Bredette	2	2,431	7,852	.....	8,115	.....	2,168
2	Brorson (Sidney Area)	3	4,216	6,440	6,807	.....	.....	3,849
....	Bynum	....	175	.....	.....	.....	.....	175
1	Cabin Creek	20	7,978	79,592	80,913	.....	2,785	3,872
28	Cat Creek	85	4,549	13,926	14,672	.....	.....	3,803
1	Clark's Fork	1	1,168	657	.....	910	83	832
2	Cupton	2	764	2,186	1,760	.....	609	581
331	Cut Bank	1,097	119,767	230,176	230,134	.....	.....	119,809
3	Deer Creek	6	2,685	12,969	12,535	.....	.....	3,119
....	Devil's Basin	....	757	.....	.....	.....	.....	757
6	Dry Creek	6	1,697	16,399	16,375	.....	.....	1,721
20	Elk Basin	58	6,143	146,949	140,442	.....	.....	12,650
3	Fertile Prairie	4	2,048	3,360	.....	3,008	.....	2,400
2	Frannie	2	441	1,099	1,078	.....	.....	462
1	Gage	1	755	232	.....	373	.....	614
1	Gas City	3	2,438	6,916	5,573	.....	1,373	2,408
5	Glendive	12	5,313	47,957	45,789	.....	.....	7,481
1	Golden Dome	1	489	81	.....	.....	.....	570
1	Hardin Area	3	1,662	2,552	.....	2,896	1	1,317
1	Ivanhoe Dome	2	781	2,608	.....	2,550	.....	839
202	Kevin-Sunburst	1,394	16,995	91,244	92,221	.....	2	16,016
2	Lake Basin	2	270	646	.....	.....	.....	916
1	Little Beaver	4	3,064	10,426	11,829	.....	226	1,435
1	East Little Beaver	1	2,591	533	956	.....	.....	2,168
2	Melstone	4	2,245	4,902	.....	5,354	.....	1,793
2	Mosser	4	.....	773	.....	773	.....	.....
2	Pennel	2	2,650	6,490	3,570	1,163	1,070	3,337
2	Pine Unit Area	43	23,711	169,113	177,831	.....	7,617	12,376
70	Pondera	308	10,492	53,137	54,531	.....	.....	9,098
68	Poplar Area	73	34,881	308,127	265,463	51,781	114	25,650
4	Northwest Poplar	5	2,005	3,238	.....	3,679	78	1,486
2	Ragged Point	3	771	1,368	.....	851	.....	1,288
.	Rattlesnake Butte	....	325	.....	.....	.....	.....	325
3	Reagan	42	3,893	20,272	20,241	.....	.....	3,924
5	Richey	8	4,871	9,420	10,657	.....	332	3,302
2	Rudyard	2	230	53	.....	.....	.....	283
5	Soap Creek	13	2,311	19,845	.....	19,695	.....	2,461
1	Southwest Richey	3	1,239	7,718	7,246	.....	.....	1,711
18	Sumatra	55	13,881	129,714	44,506	81,041	162	17,886
4	Sweetgrass Hills	4	940	547	.....	673	119	695
8	Whitlash	22	5,345	12,132	9,381	539	.....	7,557
1	Wibaux Area	1	735	1,118	.....	906	.....	947
1	Wolf Springs	1	1,490	5,470	.....	4,750	652	1,558
1	Woodrow	1	656	350	209	.....	.....	797
1	Yellowstone	1	80	1,452	.....	1,113	.....	419
843		3,414	317,392	1,503,377	1,287,606	219,901	15,223	298,039

Total Oil Produced and Shipped from Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1954	14,195,447	38,892	14,095,481	38,618
First Quarter, 1955	3,984,702	44,274	3,964,504	44,050
Second Quarter, 1955	3,957,911	43,493	3,943,402	43,334
Third Quarter, 1955	3,754,866	40,813	3,732,430	40,569
Fourth Quarter, 1955	3,949,409	42,928	3,886,135	42,241

Oil in Storage	In Producers Field Tanks	In Transporters Storage	In Refiners Storage*	Total Oil in Storage*
December 31, 1954	268,121	418,111	656,194	1,342,426
March 31, 1955	259,079	428,250	541,857	1,229,186
June 30, 1955	260,808	338,382	489,011	1,088,201
September 30, 1955	270,646	345,636	627,245	1,243,527
December 31, 1955	298,039	575,486	575,324	1,448,849

*Includes Wyoming Oil

TRANSPORTER'S REPORT
MONTH OF DECEMBER, 1955

	Storage First of Month	OIL RECEIVED BY			Loss or Gain	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carriers	
ASH CREEK—Trucks			4,124				4,124		
BIG WALL—Trucks	1,360		24,006			12,980	10,001		2,385
BORDER—Trucks			1,601			1,601			
BOWES—									
Northern Pump Company	1,506	7,757			204		6,843		2,216
The Texas Company	297	25,130				24,398			1,029
	1,803	32,887			204	24,398	6,843		3,245
BREDETTE—Trucks			8,115				8,115		
BRORSON—Sun Oil Company		6,807					6,807		
CABIN CREEK, GLENDIVE, GAS CITY, PINE, POPLAR, etc.—									
Butte Pipe Line Company	262,565	301,058		342,554			661,432		244,745
CAT CREEK—									
Continental Pipeline Company	5,954	10,006			23	9,188			6,749
Wm. Hanlon		4,625				4,625			
	5,954	14,631			23	13,813			6,749
CLARK'S FORK—Trucks			910				910		
CUT BANK—									
Darling Gathering System, Inc.	7,605	23,792			(147)	27,373			4,171
Phillips Petroleum Company	24,372	47,621		4,121	3,864	36,532		22,643	13,075
The Texas Pipe Line Company	103,617	45,892		37,166	592	65,548		16,227	104,308
Toronto Pipe Line Company	21,733	57,910			437			53,842	25,364
Union Oil Company	69,075	54,233		51,425	17	93,920			80,796
	226,402	229,448		92,712	4,763	223,373		92,712	227,714
DRY CREEK—Ohio Oil Company	11,462	16,298			31	19,723			8,006
ELK BASIN—Ohio Oil Company		140,442				100,298	40,144		
FERTILE PRAIRIE—Trucks			3,008				3,008		
FRANNIE—Ohio Oil Company		1,078					1,078		
GAGE—Trucks			373			373			
GLENDIVE AREA—									
The Texas Pipe Line Company	10,592	58,324			348			65,778	2,790
HARDIN AREA—Trucks			2,896				2,896		
IVANHOE DOME—Trucks			2,550			2,550			
KEVIN-SUNBURST—									
Big West Oil Company	2,037	42,524				42,550			2,011
Homestake Oil & Gas Co.	331	3,563			(730)	4,229			395
The Texas Pipe Line Co.	9,858	43,650		1,695	994	45,052			9,157
Anna Aronow	405	1,665						1,695	375
	12,631	91,402		1,695	264	91,831		1,695	11,938
MELSTONE—Trucks	1,715		5,354			4,142			2,927
MOSSER—Trucks			773			773			
PENNEL—Trucks			1,163			1,163			
PONDERA—Phillips Petroleum Co.	10,616	54,430			3,240	53,639			8,167
POPLAR AREA—									
East Poplar Gathering System	38,397	265,463			315			276,776	26,769
Trucks			51,781				51,781		
	38,397	265,463	51,781		315		51,781	276,776	26,769
NORTHWEST POPLAR—Trucks			3,679				3,679		
RAGGED POINT—Trucks	1,084		851			851			1,084
REAGAN—Union Oil Company		20,241				20,241			
SOAP CREEK—Trucks			19,695				19,695		
SUMATRA—									
Powder River Pipeine Co.		44,506			223	19,797			24,486
Trucks			81,041			81,041			
		44,506	81,041		223	100,838			24,486
SWEETGRASS HILLS—									
Homestake Oil & Gas Co.	2,577	1,278		8,423	1,265	8,604			2,499
Western Natural Gas Co.	1,060	8,104						8,423	741
Trucks			1,212			1,212			
	3,637	9,382	1,212	8,423	1,265	9,816		8,423	3,150
WIBAUX—Trucks			906				906		
WOLF SPRINGS—Trucks			4,750			4,404			346
YELLOWSTONE—Trucks			1,113			628			485
TOTALS	588,718	1,286,397	219,901	445,384	10,676	687,435	821,419	445,384	575,486

BARRELS OF CRUDE OIL REFINED IN MONTANA

MONTH OF DECEMBER, 1955

FIELDS	Big West Oil Co.	Carter Oil Co.	Continental Oil Co.	Diamond Asph. Co.	Farmers Union	Jet Fuel Refinery	Phil. Pet Co.	The Texas Co.	Union Oil Co.	Total by Fields
Big Wall	.....	15,622	.....	.....	.....	.....	.....	.....	.....	15,622
Border	.....	.....	.....	.....	.....	.....	.....	2,060	.....	2,060
Bowes	.....	.....	.....	20,822	.....	.....	.....	.....	.....	20,822
Cat Creek	.....	.....	9,455	.....	.....	5,832	.....	.....	.....	15,287
Cut Bank	10,570	.....	.....	.....	.....	.....	36,505	65,888	93,909	206,872
Dry Creek	.....	.....	.....	.....	19,739	.....	.....	.....	.....	19,739
Elk Basin	.....	69,450	30,848	.....	.....	.....	.....	.....	.....	100,298
Gage	.....	.....	.....	.....	373	.....	.....	.....	.....	373
Ivanhoe Dome	.....	.....	.....	.....	2,549	.....	.....	.....	.....	2,549
Kevin-Sunburst	48,011	.....	.....	.....	.....	.....	.....	84,191	.....	132,202
Melstone	.....	.....	.....	.....	.....	5,768	.....	.....	.....	5,768
Mosser	.....	.....	.....	.....	773	.....	.....	.....	.....	773
Pondera	.....	.....	.....	.....	.....	.....	55,620	.....	.....	55,620
Poplar	.....	.....	.....	.....	.....	.....	.....	26,250	.....	26,250
Ragged Point	.....	851	.....	.....	.....	.....	.....	.....	.....	851
Reagan	.....	.....	.....	.....	.....	.....	.....	.....	20,241	20,241
Sumatra	.....	85,168	958	.....	34,084	.....	.....	.....	.....	120,210
Sweetgrass Hills	677	.....	.....	.....	.....	.....	.....	5,436	539	6,652
Wolf Springs	.....	4,261	.....	.....	.....	.....	.....	.....	.....	4,261
Yellowstone	.....	.....	.....	.....	628	.....	.....	.....	.....	628
Total Montana Oil	59,258	175,352	41,261	20,822	58,146	11,600	92,125	183,825	114,689	775,078
Wyoming Oil Imported	.....	565,209	285,621	.....	411,854	.....	.....	.....	.....	1,262,684
Total Montana and Wyoming Oil	59,258	740,561	326,882	20,822	470,000	11,600	92,125	183,825	114,689	2,019,762

AVERAGE BARRELS PER DAY

	Montana	So. Dakota	Wyoming	TOTAL
Year, 1954	24,752	25	29,768	54,545
December, 1954	28,948	81	35,885	64,914
December, 1955	24,422	....	40,732	65,154

PERCENTAGE OF CRUDE REFINED

	Montana	So. Dakota	Wyoming
	45.37%	.06%	54.57%
	44.59%	.13%	55.28%
	37.48%	.....	62.52%